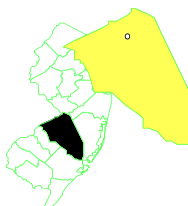


LANDFILL AND DEVELOPMENT COMPANY NEW JERSEY

EPA ID# NJD048044325



EPA REGION 2
CONGRESSIONAL DIST. 03
Burlington County
Mt. Holly, Eastampton Townships

Other Names:
SCA Services
Mt. Holly Landfill

Site Description

The 200-acre Landfill and Development Company site consists of two sections: the Eastampton section and the Mt. Holly section. The site is located on the north side of Route 38, approximately one mile east of Route 206. Beginning in 1940, the site was operated as a sand and gravel pit. In 1963, the site began accepting municipal refuse, industrial and commercial solid waste, and treated sewage sludge. Landfilling activities continued until 1986.

A groundwater recovery system was installed in 1977, but was later abandoned due to ineffectiveness. An intermediate clay liner and leachate collection system was also installed. A final landfill cover system was started, but never completed. Approximately 20,000 people live within 2 miles of the site. Fifty homes are located 500 feet away. Nine of these houses have private wells; the rest are connected to a municipal water supply. The landfill lies within the drainage basin of Rancocas Creek. The Smithville Canal is within the flood plain of the creek and discharges into it. Smithville Lake is located 1,600 feet away from the site. All these bodies of water are used for recreational activities.

Site Responsibility: This site is being addressed through Federal, State, and potentially responsible party actions.

NPL LISTING HISTORY

Proposed Date: 09/01/83
Final Date: 09/01/84

Threats and Contaminants



The two upper aquifers underneath the site are contaminated with various VOCs and heavy metals. Sediments from Rancocas Creek and Smithville Canal contain heavy metals. The majority of local residents are connected to the public water supply; however, nine residences maintain private wells. Of those nine, only one uses well water for drinking on a regular basis; the other eight residents drink bottled water. Although the private wells are not contaminated, there is a potential that pollutants may migrate to them. Rancocas Creek and Smithville Canal are used for recreational activities. Seeps from the landfill have polluted these waters.

Cleanup Approach

This site is being addressed in two stages: an initial action that addresses the groundwater contamination threat to residents downgradient of the site and a long-term remedial phase focusing on cleanup of the entire site.

Response Action Status



Initial Action: The Landfill and Development Company, under New Jersey Department of Environmental Protection (NJDEP) oversight, placed most residences on potable public water, supplies bottled water to other residents, and installed a liner at a portion of the landfill to prevent further migration of contaminants.



Entire Site: Potentially responsible parties at the site submitted a draft Remedial Investigation/Feasibility Study in 1995. PRPs conducted additional investigations to supplement the draft Remedial Investigation/Feasibility Study and to determine whether ground water at the site can be treated using a combination of innovative technologies and natural attenuation. Final Ecological and Human-Health Risk Assessments are expected in 2002. A Feasibility Study for addressing the groundwater contamination is anticipated in 2002. In addition, a Proposed Plan is anticipated in 2002.

Cleanup Progress



The connection of area homes to potable public water or the provision of bottled water have greatly reduced potential health threats at the Landfill and Development Company site while studies are being completed to select the final remedy. The PRP continues to conduct the Remedial Investigation and Feasibility Study (RI/FS) activities under the supervision of the NJDEP, to determine the nature and extent of groundwater, soil, and surface water contamination at the landfill.